

# Curriculum vitae



**Alireza Atashi**

**Faculty Member in Tehran University of Medical Sciences**

## Personal Information

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- **First name:** *Alireza*
- **Last name:** *Atashi*
- **Birth date:** *1980-07-26*
- **Gender:** *Male*
- **LinkedIn:** *linkedin.com/in/alireza-atashi-294a4161*

## Educational Background

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- **Advanced Qualification Course in Telemedicine and Telepharmacy, University of Camerino & Tehran University of Medical Sciences, 2017-2018.**
- **PhD. in Medical Informatics, Medical School, Mashhad University of Medical Sciences, IRAN, 2017.**
- **MSc. in Medical Informatics, School of Paramedical Sciences, Shahid Beheshti University of Medical Sciences, IRAN, 2012.**
- **MSc. in Functional Analysis, Payam-e-Noor University, IRAN, 2007.**
- **MSc. in Mathematical Analysis, Shiraz University, IRAN, 2005.**
- **BSc. in Abstract Mathematics, Shiraz University, IRAN, 2002.**

## Publications

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- *S Dorri, N Nazeri, SN Seyedhasani, S Marashi, A Atashi. Colorectal Cancer Registration: Data Approach to Knowledge. Studies in health technology and informatics, 2019.*
- *A Atashi, F Tohidinezhad, S Dorri, et al. Discovery of Hidden Patterns in Breast Cancer Patients, Using Data Mining on a Real Data Set. Studies in health technology and informatics, 2019.*
- *Khosravi, Nasim, et al. "Supportive Care of Breast Cancer Patients in Iran: A Systematic Review." International Journal of Cancer Management 12.4 (2019).*
- *Yazdani A, Dorri S, Atashi A et al. Bone Metastasis Prognostic Factors in Breast Cancer. Breast Cancer: Basic and Clinical Research. Feb 2019.*

- *Atashi, A., Verburg, I. W., Karim, H., Miri, M., Abu-Hanna, A., & Eslami, S. (2018). Models to predict length of stay in the Intensive Care Unit after coronary artery bypass grafting: a systematic review. The Journal of cardiovascular surgery.(2018). 59(3), 471-482.*
- *Verburg, Ilona Willempje Maria, Atashi, Alireza et al. "Which models can I use to predict adult ICU length of stay? A systematic review." Critical care medicine 45.2 (2017): e222-e231.*
- *Khajouei R et al. Usability Evaluation of an Emergency Information System: A Heuristic Evaluation. Health Management (2013): 51(16): 61-72*
- *Atashi, A., Khajouei, R., Azizi, A., & Dadashi, A. (2016). User Interface problems of a nationwide inpatient information system: a heuristic evaluation. Applied clinical informatics, 7(1), 89.*
- *Atashi, A., Amini, S., Tashnizi, M. A., Moeinipour, A. A., Aazami, M. H., Tohidnezhad, F., ... & Eslami, S. (2018). External Validation of European System for Cardiac Operative Risk Evaluation II (EuroSCORE II) for Risk Prioritization in an Iranian Population. Brazilian journal of cardiovascular surgery, 33(1)(2018), 40-46.*
- *Atashi, A., Nazeri, N., Abbasi, E., Dorri, S., & Alijani\_Z, M. (2017). Breast Cancer Risk Assessment Using Adaptive Neuro-Fuzzy Inference System (ANFIS) and Subtractive Clustering Algorithm. Multidisciplinary Cancer Investigation, 1(2)(2017), 20-26.*
- *Kiani, B., & Atashi, A. (2014). A prognostic model based on data mining techniques to predict breast cancer recurrence. Journal of Health and Biomedical Informatics 1(1)(2014), 26-31.*
- *Zaremoayedi, M., Z. Mohammadi, M. Nasiri, and A. Atashi. "CREATING A SEMI-SUPERVISED DATA MINING MODEL FOR PREDICTING BREAST CANCER RELAPSE". Medical Technologies Journal, Vol. 1, no. 4, Nov. 2017, pp. 122-3.*
- *Atashi, A. (2014). Fuzzy Logic; a Key for Medical Knowledge Representation. Journal of Iranian Association of Medical Informatics, 1(1).*
- *Sohrabi, S., Atashi, A., Dadashi, A., & Marashi, S. (2018). A Comparative Study of Multilayer Neural Network and C4. 5 Decision Tree Models for Predicting the Risk of Breast Cancer. Archives of Breast Cancer, 11-14.*
- *Atashi, A., Sohrabi, S., & Dadashi, A. (2018). Applying Two Computational Classification Methods to Predict the Risk of Breast Cancer: A Comparative Study. Multidisciplinary Cancer Investigation, 2(2), 8-13.*
- *NAZERI, N., DORRI, S., & ATASHI, A. (2017). The Effective Factors on Success Of E-Learning in Medical Sciences Fields. Journal of Health And Biomedical Informatics (2017) , Volume 4 , Number 2 #G00189; Page(s) 98- 107.*
- *Atashi, A., Ahmadian, L., Rahmatinezhad, Z., Miri, M., Nazeri, N., & Eslami, S. (2018). Development of a National Core Dataset for the Iranian ICU Patients Outcome Prediction; a Comprehensive Approach. Journal of Innovation in Health Informatics, 25(2), 71-76.*
- *Abbasi, E., Nazeri, N., & Atashi, A. R. (2016). Documentation of the Breast Disease Clinic's Workflow and Optimization Based on Informatics Solutions. Iranian Breast Disease Journal.*

- *Atashi, A., Amini, S., Ghasemi, E., Sheybani, S., & Eslami, S. (2018). The prospective validation of EuroSCORE II risk scoring system for patients underwent cardiac surgery: brief report. Tehran University Medical Journal TUMS Publications, 76(4), 283-288.*
- *Dorri, S., Atashi, A., Dorri, S., Abbasi, E., Alijani-Zamani, M., & Nazeri, N. (2017). Designing the colorectal cancer core dataset in Iran. Tehran University Medical Journal TUMS Publications, 74(10), 697-705.*
- *Nazeri, N., Dorri, S., & Atashi, A. (2017). The Effective Factors on Success Of E-Learning in Medical Sciences Fields. Journal of Health And Biomedical Informatics (2017) , Volume 4 , Number 2 #G00189; Page(s) 98- 107.*
- *Abbasi, E., Nazeri, N., & Atashi, A. R. (2016). Documentation of the Breast Disease Clinic's Workflow and Optimization Based on Informatics Solutions.*
- *Atashi, A., Amini, S., Ghasemi, E., Sheybani, S., & Eslami, S. (2018). The prospective validation of EuroSCORE II risk scoring system for patients underwent cardiac surgery: brief report. Tehran University Medical Journal TUMS Publications, 76(4), 283-288.*
- *Dorri, S., Atashi, A., Dorri, S., et al. (2017). Designing the colorectal cancer core dataset in Iran. Tehran University Medical Journal TUMS Publications, 74(10), 697-705.*
- *Nazeri N et al. Evaluation of two Prediction Models for Breast Cancer Metastasis Based on Data Mining Techniques, A Comparison Study. Journal of Knowledge and Health (2017): 2(21).*
- *Atashi A et al. Intensive Care Decision Making: Using Prognostic Models for Resource Allocation. Studies in health technology and informatics (2018).*
- *Dorri S. et al. Developing Colorectal Cancer Minimum Data Set: A Starting Point For Specific Colorectal Cancer Registration In Iran. Acta Healthmedica (2017).*
- *Atashi, A., Kiani, B., Abbasi, E., & Nazeri, N. (2015). Discovery of hidden patterns in breast cancer patients data using data mining to examine the data with a real data set. Iranian Quarterly Journal Of Breast Disease (2015); 8 (1); 59 - 64.*
- *Delaram Z. et al. Conceptual Modeling and Evaluation of Tele- Psychotherapy System based on Self-inventory for Patients with Depression. Journal of Health and Biomedical Informatics Medical Informatics Research Center 2018; 5(1): 1-11*

## Experience

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- *Assistant Professor, E-Health Department, Virtual School, Tehran University of Medical Sciences, IRAN, 2018 up to now.*
- *Director of Medical (Cancer) Informatics Department & Faculty Member, Motamed Cancer Institute, ACECR, 2016-2018.*
  - *Executor of seven and collaborating in 4 research projects.*
  - *Executor of Tehran breast cancer data integration project.*
- *Research fellow, Motamed Cancer Institute, ACECR, 2014-2016.*
- *Research fellow, Faculty of Medicine, Mashhad University of Medical Sciences, 2010-2012.*

- *Executor/collaborating 2 research projects in the field of ICU risk prediction models*
- *University lecturer, 11 universities in Shiraz & Tehran, IRAN, 2007.*

#### **Skills:**

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- *Medical Data Mining and Analysis*
- *Medical Predictive/Prognostic Models*
- *Medical Data Modelling*
- *Medical Registry Design*
- *Fuzzy Data Modelling*
- *Functional Analysis*
- *Medical Software Usability Testing*
- *Telemedicine & E-health*
- *(Breast) Cancer Research*
- *ICU Risk Prediction Models*

#### **Certificates:**

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- *Advanced Statistical Analysis Using SPSS, 2012*
- *Statistical Analysis Using R Project, 2018*
- *Research Methodology Course, 2014*
- *Research Ethics, 2016*
- *Innovation in Business Model, 2012*
- *Digital Signature, 2012*
- *Systematic Review Writing, 2012*

#### **Languages:**

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- *Native in Farsi (Persian)*
- *Good in English*
- *Beginner in Arabic*

#### **Contact Information:**

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- *Telephone: + 98 21*
- *Cell Phone: +98, +39 327 5953250*
- *Fax: + 98*
- *Email 1: [aratashi@sina.tums.ac.ir](mailto:aratashi@sina.tums.ac.ir)*
- *Email 2: [smatashi@yahoo.com](mailto:smatashi@yahoo.com)*
- *Email 3: [smatashii@gmail.com](mailto:smatashii@gmail.com)*
- *Address 1: Tehran, IRAN*
- *Address 2:*

